

APPLICANT'S ART CITATION (Use several sheets if necessary)		Application 10/774,358		OFGS File No. P/546-279 REISSUE		
		Applicant William Stern				
		Filing Date February 5, 2004		Group Art Unit 1616		
U.S. PATENT DOCUMENTS						
Examiner Initial	Patent or Trademark Office Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
M	US-6,087,338	07-2000	Veronesi et al.	514	21	Aug. 8, 1997
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	US-5,124,315	06-1992	Ceschel et al.	514	12	Jun. 17, 1991
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	US-4,788,221	11-1998	Kagatani et al.	514	808	May 5, 1988
	US-5,059,587	10-1991	Yamamoto et al.	514	12	Jun 19, 1998
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	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation
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M	A	Dua et al., International Journal of Pharmaceutics 147, 1997, pp. 233-242 "The influence of tonicity and viscosity on the intranasal absorption of salmon calcitonin in rabbits."				
	B	P. Graf et al., Clin. Exp. Allergy, Vol. 25:395-400; 1995 "Benzalkonium chloride in a decongestant nasal spray aggravates rhinitis medicamentosa in healthy volunteers"				
	C	H. Hallen et al., Clin. Exp. Allergy, Vol. 25:401-405; 1995 "Benzalkonium chloride in nasal decongestive sprays has a long-lasting adverse effect on the nasal mucosa of healthy volunteers"				
	D	Berg et al., Laryngoscope 104:1153-1158; 1994 "The Effect of Decongestive Nosedrops on Human Respiratory Mucosa In Vitro"				
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	F	Observations on European Patent Application No. EP 1251867 (third-party observations) <i>No Year</i>				
Examiner	<i>M</i>		Date Considered	1/26/05		
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	US-5,536,508	07-1996	Canal et al.	424	501	Oct. 21, 1993
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	US-5,714,477	02-1998	Einarsson	514	56	Dec. 4, 1995
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M	G	Remington, The Science and Practice of Pharmacy, 20 th Edition, Philadelphia (USA) Jan. 2000, Chapter 47, pages 922-3
	H	Patent family search for EP 0358 234 (equiv. USP 5,026,825), 1/34/1 Dialog(R) File 351: Derwent abstract, 008189979, "Intranasal calcitonin formulations - contg. Delta-amino-laevulinic acid for enhanced bioavailability". <i>No Year</i>
	I	Patent family search for EP 0327756, 2/34/1 Dialog(R) File 351: Derwent abstract, 007943804, "Pharmaceutical Calcitonin - contg. for nasal glycyrrhizinate to enhance mucosal membrane absorption, esp. for nasal administration". <i>No Year</i>
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M	K	The Merck Index, 13 th Edition, 2001, page 3576
M	L	Physicians' Desk Reference-PDR 53 Edition 1999, pages 2057-59

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	US-6,447,785	09-2002	Donovan	424	239	Nov. 2, 2000
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M	M	Romeijn S.G., et al., INT. J. PHARM., 1996, 135/1-2 (137-145), "The Effect of Nasal Drug Formulations on Ciliary Beating <i>in vitro</i> ", abstract
	N	Schipper N.G.M., et al., CALCIF. TISSUE INT., 1995, 56/4 (280-282), "Methylated (beta)-cyclodextrins are Able to Improve the Nasal Absorption of Salmon Calcitonin", abstract
	O	Marttin E., Pharm. Res., 1997 May, 14 (5): 631-7, "Confocal Laser Scanning Microscopic Visualization of the Transport of Dextrans After Nasal Administration to Rats: Effects of Absorption Enhancers", abstract
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	T	Ratafia, Manny, et al., M&M Medical Marketing & Media, Vol 24; No. 11, p. 10, "Drug Delivery: the Key to Biotechnology Markets", abstract <i>NO Year</i>
	U	Biotechnology Newswatch, Vol. 9, No. 12; p. 1, "Two-nasally delivered CalBio hormones pass initial clinicals", abstract
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	W	Kurosaki Y., et al., J. Pharmacobiodyn 1988 Dec; 11 (12) : 824-32, "Application of Propranolol to the Keratinized Oral Mucosa: Avoidance of First-Pass Elimination and the Use of 1-Dodecylazacycloheptan-2-one (Azone) as an Absorption Enhancer of Bioadhesive Film-Dosage Form", abstract
	X	Okamoto H., et al., J. Pharm. Pharmacol 1987 Jul; 39 (7) : 531-4, "Enhanced penetration of mitromycin C through hairless mouse and rats skin by enhancers with terpene moieties", abstract
M	Y	Sugabayashi K., et al., J. Pharm. Pharmacol 1985 Aug; 37 (8) : 578-80, "Effect of the Absorption Enhancer, Azone, on the Transport of 5-Fluorouracil Across Hairless Rat Skin", abstract

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	AA	Jacobs M.A., et al., Diabetes 1993, Nov; 41 (11) : 1649-55, "The pharmacodynamics and activity of intranasally administered insulin in healthy male volunteers", abstract	
	BB	Schipper N.G., et al., Pharm Res 1996 Nov; 13 (11) : 1686-92, "Chitosans as Absorption Enhancers for Poorly Absorbable Drugs. 1: Influence of Molecular Weight and Degree of Acetylation on Drug Transport Across Human Intestinal Epithelial (Caco-2) Cells", abstract	
	CC	Pillion D.J., et al., J. Pharm. Sci. 1995 Nov; 84 (11) : 1276-9, "DS-1, A Modified Quillaja Saponin, Enhances Ocular and Nasal Absorption of Insulin", abstract	
	DD	Agerholm C., et al., J. Pharm. Sci. 1994 Dec; 83 (12) : 1706-11, "Epithelial Transport and Bioavailability of Intranasally Administered Human Growth Hormone Formulated with the Absorption Enhancers Didecanoyl-L-alpha-phosphatidylcholine and alpha-cyclodextrin in Rabbits", abstract	
	EE	Critchley H., et al., J. Pharm Pharmacol 1994 Aug; 46 (8) : 651-6, "Nasal Absorption of Desmopressin in Rats and Sheep. Effect of A Bioadhesive Microsphere Delivery System", abstract	
	FF	Santus G., et al., Farmaco 1993 Dec; 48 (12) : 1709-33, "Nasal Formulations of Ketorolac Tromethamine: Technological Evaluation – Bioavailability and Tolerability in Rabbits", abstract	
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	II	Shao Z., et al., Pharm Res 1992 Sep; 9 (9) : 1157-63, "Cyclodextrins as Nasal Absorption Promoters of Insulin : Mechanistic Evaluations", abstract	
	JJ	Sarkar M.A., Pharm Res 1992 Jan; 9 (1) : 1-9, "Drug Metabolism in the Nasal Mucosa", abstract	
	KK	Morimoto K., et al., Pharm Res 1991 Sep; 8 (9) : 1175-9, "Effects of Proteolytic Enzyme Inhibitors on the Nasal Absorption of Vasopressin and an Analogue", abstract	
	LL	Hosoya K., et al., Biol Pharm Bull 1994 Feb; 17 (2) : 316-22, "Evaluation of Enhancers to Increase Nasal Absorption Using Ussing Chamber Technique", abstract	
M	MM	Tengamnuay P., et al., Pharm Res 1990 Apr; 7 (4) : 370-5, "Bile Salt-Fatty Acid Mixed Micelles as Nasal Absorption Promoters of Peptides. II. <i>In vivo</i> Nasal Absorption of Insulin in Rats and Effects of Mixed Micelles on the Morphological Integrity of the Nasal Mucosa", abstract	
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U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)

Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

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						Yes	No
M	JP 05 078258	03-1993	Japan			Abstract only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Database WPI, Section Ch, Week 199317, Derwent Publications Ltd., Class 804, AN 1993-140304, XP002300282

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